

IFW

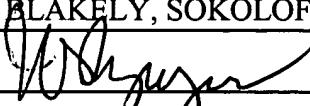
**TRANSMITTAL FORM***(to be used for all correspondence after initial filing)*

		Application No.	10/815,301
		Filing Date	March 31, 2004
		First Named Inventor	Pierre Guillaume Raverdy
		Art Unit	
		Examiner Name	
Total Number of Pages in This Submission	7	Attorney Docket Number	80398P586

**ENCLOSURES (check all that apply)**

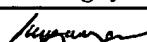
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input checked="" type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  <div style="border: 1px solid black; height: 40px; width: 100%;"></div>	<input type="checkbox"/> After Allowance Communication to Group
			<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
			<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
			<input type="checkbox"/> Proprietary Information
			<input type="checkbox"/> Status Letter
			<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  <div style="border: 1px solid black; height: 40px; width: 100%;"><p>copy of 15 cited references</p></div>
			<input type="checkbox"/> After Allowance Communication to Group
			<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
			<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
			<input type="checkbox"/> Proprietary Information
<b>Remarks</b>			

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Thinh V. Nguyen, Reg. No. 42,034  BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	September 15, 2004

**CERTIFICATE OF MAILING/TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Typed or printed name	Tu T. Nguyen		
Signature		Date	September 15, 2004



# EEI TRANSMISSIONS for FY 2004

*Effective 01/01/2004. Patent fees are subject to annual revision.*

Applicant claims small entity status. See 37 CFR 1.27.

**TOTAL AMOUNT OF PAYMENT**

(\\$)

<b>FEES TRANSMITTED</b> <b>for FY 2004</b>		<i>Complete if Known</i>	
<i>Effective 01/01/2004. Patent fees are subject to annual revision.</i>		Application Number 10/815,301	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		Filing Date March 31, 2004	
<b>TOTAL AMOUNT OF PAYMENT</b>		First Named Inventor Pierre Guillaume Raverdy	
(\$)		Examiner Name Art Unit Attorney Docket No.	80398P586

**METHOD OF PAYMENT (check all that apply)**

Check     Credit card     Money Order     Other     None  
 Deposit Account

Deposit  
Account  
Number 02-2666

Deposit  
Account  
Name **Blakely, Sokoloff, Taylor & Zafman LLP**

**The Commissioner is authorized to: (check all that apply)**

Charge fee(s) indicated below  Credit any overpayments

Charge any additional fee(s) or underpayment of fees as required under 3 CFR §§ 1.16, 1.17, 1.18 and 1.20.

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## **FEE CALCULATION**

## 1. BASIC FILING FEE

Large Entity		Small Entity			Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

## **2. EXTRA CLAIM FEES**

Total Claims	Claims	below	Fee Paid
Independent Claims	$20^*$	$\times$	
Multiple Dependent	$3$	$\times$	

Large Entity		Small Entity		
Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description</u>
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple Dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent

*\*\*or number previously paid, if greater. For Reissues, see below*

---

**SUBMITTED BY**

**Complete (if applicable)**

Name (Print/Type)	Thinh V. Nguyen	Registration No. (Attorney/Agent)	42,034	Telephone	(714) 557-3800
Signature				Date	09/15/04

Based on PTO/SB/17 (10-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 02/10/2004.  
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



**FEE TRANSMISSION  
for FY 2004**

Effective 01/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

**TOTAL AMOUNT OF PAYMENT**

(\\$)

<i>Complete if Known</i>	
Application Number	10/815,301
Filing Date	March 31, 2004
First Named Inventor	Pierre Guillaume Raverdy
Examiner Name	
Art Unit	
Attorney Docket No.	80398P586

**METHOD OF PAYMENT** *(check all that apply)*

## **FEE CALCULATION (continued)**

<input type="checkbox"/> Check	<input type="checkbox"/> Credit card	<input type="checkbox"/> Money Order	<input type="checkbox"/> Other	<input type="checkbox"/> None
<input checked="" type="checkbox"/> Deposit Account				

Deposit Account Number	02-2666
Deposit Account Name	Blakely, Sokoloff, Taylor & Zafman LLP

**The Commissioner is authorized to: (check all that apply)**

Charge fee(s) indicated below  Credit any overpayments

Charge any additional fee(s) or underpayment of fees as required under 3 CFR §§ 1.16, 1.17, 1.18 and 1.20.

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## **FEE CALCULATION**

**1. BASIC FILING FEE**

Large Entity	Small Entity			Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description</u>
1001	770	2001	385	Utility filing fee
1002	340	2002	170	Design filing fee
1003	530	2003	265	Plant filing fee
1004	770	2004	385	Reissue filing fee
1005	160	2005	80	Provisional filing fee

## 2. EXTRA CLAIM FEES

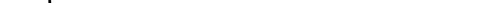
Total Claims	Extra Claims	Fee when below	Fee Paid
Independent Claims	<input type="text"/>	$20^*$ <input type="text"/>	$\times$ <input type="text"/>
	<input type="text"/>	$3$ <input type="text"/>	$\times$ <input type="text"/>
Multiple Dependent			<input type="text"/>

Large Entity		Small Entity		
Fee Code	Fee (\$)	Fee Code	Fee (\$)	<u>Fee Description</u>
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple Dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over

*\*\*or number previously paid, if greater. For Reissues, see below*

**SUBMITTED BY**

**Complete (if applicable)**

Name (Print/Type)	Thinh V. Nguyen	Registration No. (Attorney/Agent)	42,034	Telephone	(714) 557-3800
Signature				Date	09/15/04

Based on PTO/SB/17 (10-03) as modified by Blakely, Solokoff, Taylor & Zafman (w/r) 02/10/2004.  
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Docket No.: 80398P586

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

the Application of:

PIERRE GUILLAUME RAVERDY, ET AL.

Application No.: 10/815,301

Filed: March 31, 2004

For: **Discovering Nearby Hosts And  
Applications For Impromptu Interactions  
Using Well-Known Ad-Hoc Network  
Configuration**

Art Group:

Examiner:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

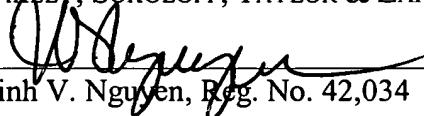
The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

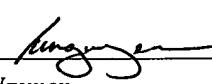
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: September 15, 2004

  
Thinh V. Nguyen, Reg. No. 42,034

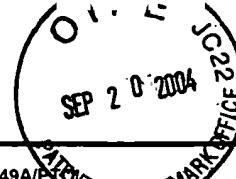
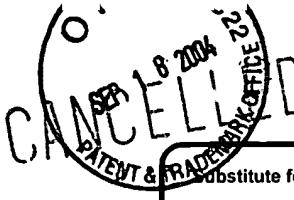
12400 Wilshire Boulevard, 7th Floor  
Los Angeles, CA 90025  
Telephone: (714) 557-3800

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Tu T. Nguyen

09-15-04

Date



Substitute for form 1449A/P

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(use as many sheets as necessary)**

## Sheet

1

0

2

Complete if Known

Application Number	10/815,301
Filing Date	March 31, 2004
First Named Inventor	Pierre Guillaume Raverdy
Art Unit	
Examiner Name	
Attorney Docket Number	80398P586

**U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

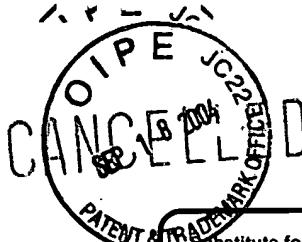
Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003

Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 2 of 2

### Complete if Known

Application Number	10/815,301
Filing Date	March 31, 2004
First Named Inventor	Pierre Guillaume Raverdy
Art Unit	
Examiner Name	
Attorney Docket Number	80398P586

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		FLUHRER SCOTT, Weakness in the Key Scheduling Algorithm of RC4, Eighth Annual Workshop on Selected Areas in Cryptography, August 2001.	
		Host AP Driver for Intersil Prism2/2.5/3 <a href="http://hostap.epitest.fi/">http://hostap.epitest.fi/</a> (software package)	
		<a href="http://www.netperf.org/netperf/NetperfPage.html">http://www.netperf.org/netperf/NetperfPage.html</a>	
		JOSH BROCH, A Performance Comparison Of Multi-Hop Wireless Ad Hoc Network Routing Protocols, <a href="http://citeseer.ist.psu.edu/cache/papers/cs/882/http:zSzzSzwww.monarch.cs.cmu.eduSzmonarch-papersSzmobicom98.pdf">http://citeseer.ist.psu.edu/cache/papers/cs/882/http:zSzzSzwww.monarch.cs.cmu.eduSzmonarch-papersSzmobicom98.pdf</a> /broch98performance.pdf	
		OLGA RATSIMOR, Allia: Alliance-based Service Discovery for Ad-Hoc Environments, WMC'02, ACM, September 28, 2002, Atlanta, Georgia, US.	
		LIANG CHENG, Service Advertisement and Discovery in Mobile Ad Hoc Networks, <a href="http://www.cs.uoregon.edu/research/wearables/cscw2002ws/papers/Cheng.pdf">http://www.cs.uoregon.edu/research/wearables/cscw2002ws/papers/Cheng.pdf</a>	
		LAURA MARIE FEENEY, Spontaneous Networking: An Application-oriented Approach to Ad Hoc Network, <a href="http://citeseer.nj.nec.com/feeney01spontaneous.html">http://citeseer.nj.nec.com/feeney01spontaneous.html</a>	
		ALAN KAMINSKY, Many-to-Many Invocation: A New Paradigm for Ad Hoc Collaborative Systems, RIT IT Lab Technical Report, February 6, 2002. <a href="http://www.cs.rit.edu/~hpb/Publications/m2mi20020716.pdf">http://www.cs.rit.edu/~hpb/Publications/m2mi20020716.pdf</a>	
		BENOIT GARBINATO, From Ad Hoc Networks to Ad Hoc Applications, Institut d'Informatique et Organisation (INFORGE), Universite de Lausanne, 101 Lausanne-Switzerland, <a href="http://isi.unil.ch/radixa/usr/prupp/ConTEL03.pdf">http://isi.unil.ch/radixa/usr/prupp/ConTEL03.pdf</a>	
		KRISHNA KANT, On the Potential of Peer-to-Peer Computing, <a href="http://citeseer.ist.psu.edu/cache/papers/cs/25279/http:zSzzSzkkant.ccwebhost.comzSzpapersSztaxonomy.pdf/on-the-potential-of.pdf">http://citeseer.ist.psu.edu/cache/papers/cs/25279/http:zSzzSzkkant.ccwebhost.comzSzpapersSztaxonomy.pdf/on-the-potential-of.pdf</a>	
		KRISHNA KANT, A Framework for Classifying Peer-to-Peer Technologies, 2nd IEEE/ACM Intl. Symposium on Cluster Computing and the Grid, May 21-26, 2002, Berlin, Germany. <a href="http://kkant.ccwebhost.com/papers/taxonomy.pdf">http://kkant.ccwebhost.com/papers/taxonomy.pdf</a>	
		CHARLES C. HOFFMEYER, Possible Improvements in Ad Hoc Networks to Lead Towards Ubiquitous Computing, <a href="http://www.ece.mtu.edu/ee/faculty/cchigan/ee4272/projects/Spring03-paper3.pdf">http://www.ece.mtu.edu/ee/faculty/cchigan/ee4272/projects/Spring03-paper3.pdf</a>	
		Ad Hoc Networks, <a href="http://www.comp.nus.edu.sg/~tantongj/draft1.doc">http://www.comp.nus.edu.sg/~tantongj/draft1.doc</a>	

Examiner Signature	Date Considered
--------------------	-----------------

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>1</sup>Applicant's unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.  
Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450